

B' mcl'd.
a casing containing at least one IC or the switching transistor control circuit unit that is mold-sealed by resin;

a battery voltage supplying terminal that supplies electricity to the internal electric source circuit unit from the battery via an internal electric source line; and

a magnetic body mounted to the internal electric source line or the battery voltage supplying terminal, wherein the battery voltage supplying terminal and the magnetic body are fixed to the casing, and the internal electric source line or the battery voltage supplying terminal is equipped with only the magnetic body.

2. (Amended) A control device for a vehicular AC generator, comprising:

a field current switching circuit unit having a switching transistor that performs switching control of current conducted to a field coil;

a switching transistor control circuit unit that performs intermittent control of the switching transistor based on a battery voltage and a predetermined target voltage;

an internal electric source circuit unit that uses electricity supplied from the battery to form an internal electric source voltage, said internal electric source voltage being applied to the switching transistor control circuit unit;

a casing containing at least one IC or the switching transistor control circuit unit that is mold-sealed by resin;

a battery voltage supplying terminal for supplying electricity to the internal electric source circuit unit from the battery via an internal electric source line; and

an inductance element connected in series to the internal electric source line, wherein the battery voltage supplying terminal and the inductance element are fixed to the casing, and the internal electric source line is equipped with only the inductance element.